



# KENTUCKY WEEKLY CROP & WEATHER REPORT



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Prepared in Cooperation with:  
Univ. of Ky - Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

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Released weekly April through November

Issued 4:00 P.M., August 27, 2001

JOC 23-01

**AGRICULTURAL NEWS:** Fieldwork progressed well early in the week until hot and humid conditions returned. Scattered rainfall was received across the State. Tobacco continued to be topped, sprayed, cut, and housed. Some parts of the State were beginning to chop corn silage. Out of 6 days, 5.4 days were suitable for fieldwork. **Topsoil moisture** was rated 5 percent very short, 27 percent short, 63 percent adequate, and 5 percent surplus on Friday, August 24. **Subsoil moisture** was rated 8 percent very short, 31 percent short, 59 percent adequate, and 2 percent surplus.

**CORN:** The condition of the crop was rated as 1 percent very poor, 3 percent poor, 17 percent fair, 50 percent good, and 29 percent excellent. As of Sunday, August 26, corn in the mature stage had reached 48 percent compared with 39 percent a year ago, and 20 percent for the five-year average. Corn harvested was 5 percent compared with 3 percent a year ago, and 3 percent for the five-year average. Eighty-nine percent of the corn crop was dented, compared with 86 percent last year and 70 percent for the five-year average. Farmers are starting to harvest their corn and predicting an abundant crop. Some are currently chopping corn silage.

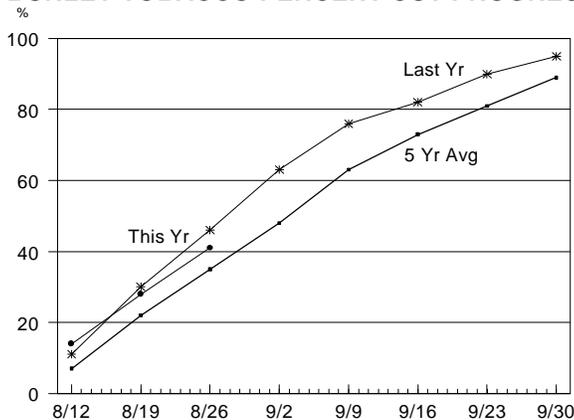
**SOYBEANS:** Six percent of the soybean crop was shedding leaves or beyond as of Sunday, August 26, compared with 3 percent a year ago and 3 percent for the five-year average. Crop condition was rated as 1 percent

very poor, 7 percent poor, 24 percent fair, 42 percent good, and 26 percent excellent. Soybeans with leaves turning yellow or beyond was 14 percent compared with 9 percent a year ago, and 7 percent for the five-year average. Ninety-two percent of the crop was setting pods, compared with 83 percent last year, and the five-year average of 70 percent. Some cases of Sudden Death Syndrome have been reported.

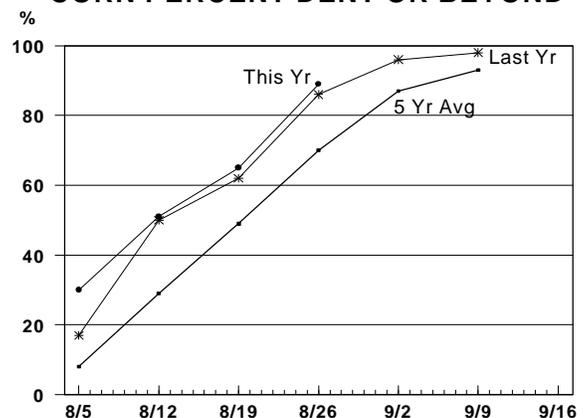
**TOBACCO:** Some tobacco farmers still report cases of blue mold and black shank. Main activities for the week continued to be spraying, topping, cutting, and housing of the crop. Condition of the tobacco in the field was reported as 2 percent very poor, 3 percent poor, 17 percent fair, 55 percent good, and 23 percent excellent. As of Sunday, August 26, 41 percent of the **burley** crop was cut compared with 46 percent last year and the five-year average of 35 percent. Thirty-eight percent of the **dark tobacco** crop was also cut compared with 35 percent last year and the five-year average of 41 percent.

**OTHER CROPS:** Farmers have been cutting **hay** this past week. Condition of the hay crop was reported as 3 percent very poor, 9 percent poor, 29 percent fair, 48 percent good, and 11 percent excellent. **Pastures** were doing better due to cooler temperatures and recent showers. Conditions were rated as 3 percent very poor, 8 percent poor, 29 percent fair, 51 percent good, and 9 percent excellent.

**BURLEY TOBACCO PERCENT CUT PROGRESS**



**CORN PERCENT DENT OR BEYOND**



**KENTUCKY CROP PROGRESS**  
WEEK ENDING AUGUST 26, 2001  
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
<b>Soybeans</b>					
Setting Pods	92	83	70	74	87
Turning Yellow	14	9	7	NA	NA
Shedding Leaves	6	3	3	NA	NA
<b>Corn</b>					
Dent Stage	89	86	70	65	35
Mature	48	39	20	NA	NA
Harvested	5	3	3	NA	NA
Burley Tobacco Cut	41	46	35	28	NA
Dark Tobacco Cut	38	35	41	28	NA

(NA) Data Not Available.

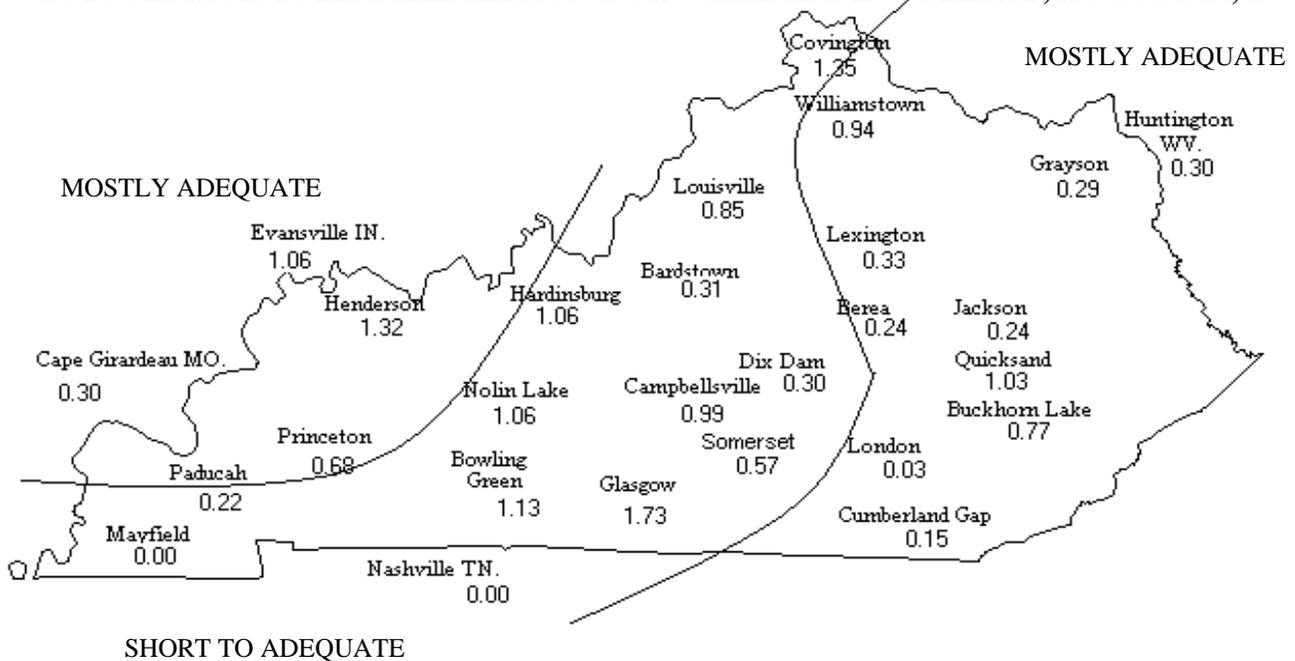
**SOIL MOISTURE**  
WEEK ENDING AUGUST 24, 2001  
WITH COMPARISONS

	This Week	Previous Week
<b>TOPSOIL</b>		
Very Short	5	3
Short	27	20
Adequate	63	72
Surplus	5	5
<b>SUBSOIL</b>		
Very Short	8	6
Short	31	29
Adequate	59	59
Surplus	2	6

**KENTUCKY CROP CONDITIONS (Percent)**

CROP	WEEK ENDING AUGUST 24, 2001					WEEK ENDING AUGUST 17, 2001				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	1	3	17	50	29	1	2	18	47	32
Soybeans	1	7	24	42	26	0	4	22	41	33
Pasture	3	8	29	51	9	3	9	28	50	10
Hay Crops	3	9	29	48	11	3	8	23	55	11
Tobacco in Field	2	3	17	55	23	2	3	17	58	20

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, AUGUST 26, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, AUGUST 24, 2001**



**KENTUCKY WEATHER SUMMARY, AUGUST 20 - 26, 2001:**  
**ABOVE NORMAL TEMPERATURES AND BELOW NORMAL RAINFALL:**

Temperatures were comfortable for the beginning of the work week with highs in the upper 70s to mid 80s across Kentucky. Field activities also continued uninterrupted by rain at the beginning of the week. Conditions then returned to hot and humid with highs in the upper 80s to the mid 90s with heat indices over 100 for several days. These conditions also produced several hours of livestock heat stress in the emergency category for Western Kentucky. The end of the work week and weekend saw scattered showers and thunderstorms with some storms being severe. Temperatures for the period averaged 76 degrees across the State which was 2 degrees ABOVE NORMAL. High temperatures averaged from 89 in the West to 84 in the East. Departure from normal high temperatures ranged from 2 degrees ABOVE NORMAL in the West to 1 degrees BELOW NORMAL in the East. Low temperatures averaged from 67 degrees in the West to 63 degrees in the East. Departure from normal low temperature ranged from 4 degrees ABOVE NORMAL in the West to 1 degrees ABOVE NORMAL in the East. Since April 1st Corn Growing Degree Days accumulated range from 2900 in the Northeast to 3200 in the Southwest.

Rainfall for the period totaled 0.67 inches statewide which was 0.17 inches BELOW NORMAL. Precipitation totals by climate division, West 0.60 inches, Central 1.02 inches, Bluegrass 0.65 inches and East 0.42 inches, which was -0.19, +0.18, -0.21 and -0.45 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at Mayfield to a high of 1.73 inches at Glasgow.

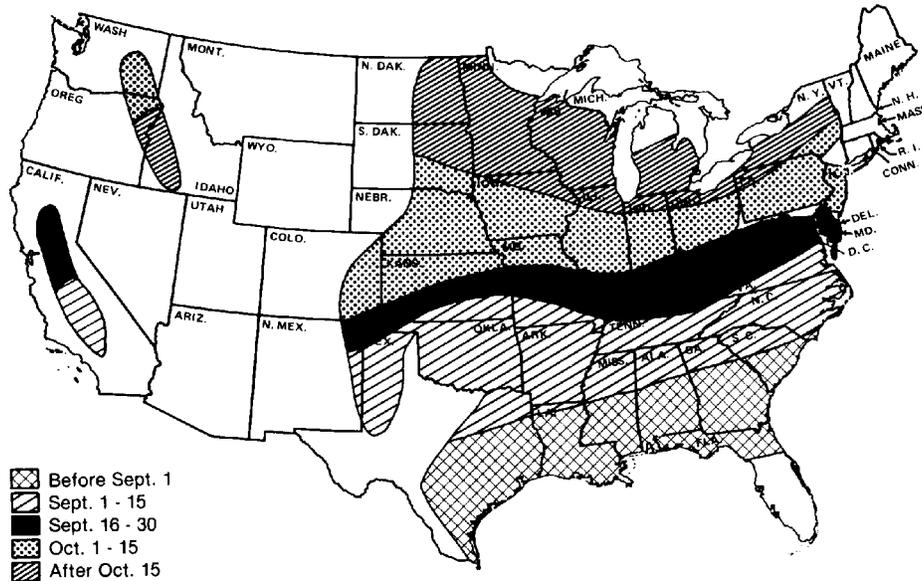
Tom Priddy

**KENTUCKY TEMPERATURES AND RAINFALL**  
**FOR WEEK ENDING SUNDAY, AUGUST 26, 7:00 P.M.**

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)			(Degrees Fahrenheit)								
Bardstown	0.31	19.59	2.33	-0.72	-1.29	92	54	75.1	+2	169	2988	+221
Berea	0.24	19.65	3.11	-1.14	-0.52	91	53	73.2	+1	156	2874	+19
Bowling Green	1.13	18.29	3.61	-2.82	+0.36	95	54	76.9	+4	172	3171	+286
Bristol	0.43	21.93	2.88	+4.21	-0.06	87	52	71.6	-1	151	2787	+142
Buckhorn Lake	0.77	24.09	3.34	+4.18	-0.03	90	54	73.7	+1	161	2886	+384
Cape Girardeau	0.30	20.77	1.34	+1.21	-1.82	94	55	79.2	+4	187	3214	+180
Campbellsville	0.99	19.45	3.39	-3.84	-0.79	92	53	75.6	+3	168	3031	+206
Covington	1.35	23.87	3.93	+4.95	+0.85	85	55	73.0	+1	159	2788	+172
Cumberland Gap	0.15	16.66	2.26	-5.39	-1.71	89	54	73.5	+1	159	2949	+334
Dix Dam	0.30	19.04	2.60	-1.82	-0.99	92	55	74.5	+2	164	2935	+142
Evansville	1.06	19.74	4.05	+0.83	+1.18	92	58	76.9	+2	181	3164	+278
Glasgow	1.73	18.99	3.48	-3.91	-0.24	94	53	77.6	+5	173	3140	+345
Grayson	0.29	21.14	1.77	+1.40	-1.69	90	56	73.4	+1	159	2860	+393
Hardinsburg	1.06	17.15	3.39	-3.76	-0.09	93	57	77.2	+4	179	3124	+239
Henderson	1.32	19.06	3.69	-0.29	+0.77	93	58	77.4	+2	181	3134	+218
Huntington	0.30	20.43	1.65	+0.64	-1.97	89	56	73.2	+1	158	2841	+195
Jackson	0.24	18.56	1.86	-2.45	-1.84	90	55	73.1	+1	158	2845	+343
Lexington	0.33	17.81	2.31	-2.50	-1.31	92	56	75.1	+3	167	2957	+311
London	0.03	21.51	2.15	+2.17	-0.93	89	53	72.9	+1	155	2822	+207
Louisville	0.85	15.31	2.13	-4.48	-1.13	92	57	77.4	+4	178	3088	+176
Mayfield	0.00	13.94	0.90	-7.19	-2.60	91	56	75.4	+1	172	3019	+73
Nashville	0.00	19.09	3.68	-0.60	+0.52	93	60	78.4	+5	186	3305	+215
Nolin Lake	1.06	20.25	3.24	-1.88	-0.23	94	55	76.9	+4	176	3148	+472
Paducah	0.22	18.79	3.11	-2.20	+0.04	93	58	79.1	+4	189	3254	+251
Princeton	0.68	17.75	2.87	-3.51	-0.77	95	58	79.7	+5	190	3323	+351
Quicksand	1.03	26.20	3.91	+5.19	+0.21	91	54	74.2	+2	164	2882	+380
Somerset	0.57	20.34	3.21	-1.50	-0.39	91	52	74.1	+2	162	2920	+214
Spindletop	0.76	17.27	3.14	-3.04	-0.48	90	56	74.1	+2	163	2840	+194
Williamstown	0.94	22.57	1.98	+2.58	-1.44	87	56	74.1	+2	166	2920	+274

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

# CORN FOR GRAIN - USUAL START OF HARVESTING, PRINCIPAL AREAS IN THE U.S.



## CORN CONDITION AND PROGRESS FOR WEEK ENDING AUGUST 19, 2001

State	CONDITION PERCENT				
	VP	P	F	G	EX
CO	1	4	11	58	26
IL	3	10	37	42	8
IN	2	8	24	50	16
IA	5	13	30	44	8
KS	6	13	30	42	9
KY	1	2	18	47	32
MI	13	22	39	24	2
MN	4	14	43	35	4
MO	4	11	33	42	10
NE	4	8	25	44	19
NC	0	2	13	58	27
ND	1	3	19	63	14
OH	5	12	32	39	12
PA	9	13	31	40	7
SD	1	6	27	47	19
TN	0	3	12	51	34
TX	1	13	48	36	2
WI	7	13	32	38	10
18 States	4	11	31	43	11
Prev Week	4	10	29	45	12
Prev Year	4	7	20	46	23

VP - Very Poor P - Poor F - Fair G - Good EX - Excellent

State	PERCENT DOUGH			
	Curr	Last Wk	2000	Avg
CO	33	26	43	45
IL	90	78	88	72
IN	93	78	91	71
IA	57	34	69	50
KS	93	85	88	85
KY	89	81	85	77
MI	40	14	17	27
MN	42	13	57	46
MO	88	79	94	89
NE	84	69	86	74
NC	96	92	91	90
ND	91	77	90	87
OH	73	46	77	57
PA	62	49	60	53
SD	67	43	71	55
TN	100	94	93	93
TX	95	90	95	96
WI	17	7	40	46
18 States	71	54	75	63

These 18 States planted 92% of last year's corn acreage.

State	PERCENT DENT			
	Curr	Last Wk	2000	Avg
CO	5	0	9	8
IL	57	32	50	31
IN	50	31	44	25
IA	22	9	30	16
KS	66	48	56	45
KY	65	51	62	49
MI	9	3	3	7
MN	7	0	19	14
MO	60	45	76	61
NE	41	20	49	24
NC	80	65	69	71
ND	20	8	44	22
OH	23	5	23	16
PA	21	7	17	13
SD	16	7	25	16
TN	90	76	71	72
TX	86	72	85	78
WI	0	0	4	8
18 States	35	20	38	25

These 18 States planted 92% of last year's corn acreage.

This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, send an E-Mail message to [nass-state-releases@news.usda.gov](mailto:nass-state-releases@news.usda.gov) with the following command in the body of the message: **subscribe ky-crop-weather <e-mail address>**. The E-Mail address is optional; leave the address blank unless subscribing for someone else. The default address is where you sent the message from. You would unsubscribe in a similar way but use the word unsubscribe.

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